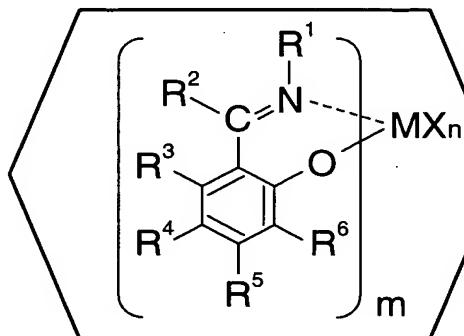


*Fig. 1*

## Transition metal compound containing ligand having cyclopentadienyl skeleton



M : transition metal atom of Group 4 or 5

$R^1$  : aliphatic or alicyclic hydrocarbon group

$R^2$ - $R^5$ : hydrogen atom, hydrocarbon group or the like

$R^6$ : hydrocarbon group or the like

X : halogen, hydrocarbon group or the like

$n$  : valence of M

m : 1 3

## Olefin

## Branched polyolefin

## Organocalcium oxy-compound

## **Ionizing ionic compound**

## Organocalcium compound

( Carrier )

( Organic compound component )

10/088995

2/2

Fig. 2

